

Applicant : Christopher A. Rygaard  
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Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims:

1.-21. (Canceled)

22. (New) A system, including:

a centralized security enforcement node, in communication with at least a receiving host on a peer-to peer network, the receiving host operable to execute a mobile application that jumps to the receiving host from a dispatching host during execution, the centralized security enforcement node including:

a first module to store, prior to a jump to the receiving host, first content data associated with the mobile application;

a second module to receive from the receiving host, prior to instantiation of the mobile application on the receiving host, second content data associated with the mobile application; and  
a third module, in communication with the first and second modules, to detect unwanted changes in contents of the mobile application including comparing the first and second content data.

23. (New) The system of claim 22, further including:

a fourth module, in communication with the third module, to prevent the receiving host from instantiating the mobile application responsive to detecting unwanted changes.

24. (New) The system of claim 22, wherein the second module receives the second content data associated with the mobile application from the receiving host responsive to the mobile application jumping from an untrusted host to the receiving host.

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25. (New) The system of claim 22, wherein the peer-to-peer network includes the dispatching host, and the first module stores the first content data responsive to the dispatching host creating the mobile application.

26. (New) The system of claim 22, further including:  
a fourth module, in communication with the third module, to provide a copy of the mobile application to the receiving host responsive to detecting unwanted changes.

27. (New) The system of claim 22, wherein the first and the second content data includes one from the group containing a first and a second copy of the mobile application, a first and a second digest of the contents of the mobile application, a first and a second itinerary, and first and second security breach information.

28. (New) The system of claim 22, wherein the first and second content data are related to one from the group containing code, state, and itinerary.

29. (New) A method, including:  
storing, prior to a jump, a first content data associated with a mobile application;  
receiving second content data associated with the mobile application prior to instantiation of the mobile application at a receiving host; and  
detecting unwanted changes in contents of the mobile application including comparing the first and second content data.

30. (New) The method of claim 29, further including:  
preventing instantiation of the mobile application on the receiving host responsive to detecting unwanted changes.

31. (New) The method of claim 29, wherein receiving includes receiving the second content data associated with the mobile application, responsive to the mobile application jumping from an untrusted host to the receiving host.

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32. (New) The method of claim 29, further including:  
storing the first content data responsive to creating the mobile application.

33. (New) The method of claim 29, further including:  
providing a copy of the mobile application responsive to detecting unwanted changes.

34. (New) The method of claim 29, wherein the first and the second content data include one from the group containing a first and a second copy of the mobile application, a first and a second digest of the contents of the mobile application, a first and a second itinerary, and first and second security breach information.

35. (New) The method of claim 29, wherein the first and second content are related to one from the group containing code, state, and itinerary.

36. (New) A computer program product including program instructions tangibly stored on a computer-readable medium and operable to cause a computer system to perform a method, including:

storing, prior to a jump, first content data associated with a mobile application;  
receiving at a receiving host second content data associated with the mobile application prior to instantiation of the mobile application; and  
detecting unwanted changes in contents of the mobile application including comparing the first and second content data.

37. (New) The computer program product of claim 36, wherein the method further includes:

preventing instantiation of the mobile application on the receiving host responsive to detecting unwanted changes.

38. (New) The computer program product of claim 36, wherein receiving includes receiving the second content data associated with the mobile application, responsive to the mobile application jumping from an untrusted host to the receiving host.

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39. (New) The computer program product of claim 36, wherein the method further includes:

storing the first content data responsive to creating the mobile application.

40. (New) The computer program product of claim 36, wherein the method further includes:

providing a copy of the mobile application to the receiving host responsive to detecting unwanted changes in the contents of the mobile application.